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| Application | n/Control | No. |
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Reexamination

Applicant(s)/Patent under

10/815,150

LAWRENCE, STEPHEN R.

Examiner

Art Unit

Navneet K. Ahluwalia

2166

| <b>√</b> | Rejected |
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| 11       | Allowed  |

(Through numeral) Cancelled

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Interference

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| Ci          | aim               | ,        |  |  | -            | Dat          |  |            |          |  | 1 |          | im       |                 |          |          |          | 206- |          |   |          |              | 1 | <u> </u>    | nim        | ſ |
|-------------|-------------------|----------|--|--|--------------|--------------|--|------------|----------|--|---|----------|----------|-----------------|----------|----------|----------|------|----------|---|----------|--------------|---|-------------|------------|---|
| Lie         |                   | -        |  | _  | Γ'           | Date         | <u> </u>   |            | 1        | г  | ł | Cla      |          | -               |          | -        | <u>_</u> | ate  | ,        | - | _        | ι            |   | <u>U</u>    | aim        | ŀ |
| Final       | Original          | 11/10/06 |  |  |              |              |  |            |          |  |   | Final    | Original |                 |          |          |          |      |          |   |          |              |   | Final       | Original   |   |
|             | (1)               | 1        |  |  |              |              |  |            |          |  | ] |          | 51       |                 |          |          |          |      |          |   |          |              |   |             | 101        | ĺ |
|             | 2                 | 1        |  |  |              |              |  |            |          |  | ] |          | 52       |                 |          |          |          |      |          |   |          |              |   |             | 102        | ĺ |
| <u> </u>    | 3                 | 1        | _  |  | _            |              | <u> </u>   |            | ļ.,      |  |   |          | 53       |                 | _        | _        | _        |      |          |   |          | _            |   |             | 103        | ļ |
|             | 4                 | 1        | _  | <u> </u>   |              |              | L  |            |          | _  |   |          | 54       |                 | _        | _        |          |      |          |   |          |              |   |             | 104        | ļ |
|             | 5                 | V        | L  | _  | ļ            | <u> </u>     | <u> </u>   | _          |          | <u> </u>   |   |          | 55       | Ц               | _        | 4        | _        |      |          |   |          | <u> </u>     |   |             | 105        | Ļ |
|             | 6                 | 1        | <u> </u>   | <u> </u>   | -            | <u> </u>     | <u> </u>   |            |          | <u> </u>   | 1 |          | 56       |                 | _        | _        | _        |      |          |   |          |              |   |             | 106        | Ļ |
|             | 7                 | 1        | <u> </u>   | _  | ├            | ┢            | $\vdash$   | <u> </u>   | -        | <del> </del>                                     | ł |          | 57       | $\vdash$        |          |          |          |      |          |   |          | <u> </u>     |   |             | 107        | ŀ |
| ļ           | 8                 | 1        | ┝  |  | H            | ┢            | ⊢  | H          | -        | -  | ł |          | 58       | -               |          | -        |          | _    |          |   |          | -            |   |             | 108<br>109 | ŀ |
|             | 10                | 7        |  | ┢  | -            | -            | _  |            |          | <u> </u>   | ł |          | 59<br>60 | $\vdash$        |          | $\dashv$ |          |      |          |   |          | _            |   |             | 110        | ŀ |
| <u> </u>    | 6                 | 1        | $\vdash$   | $\vdash$   | ├            | ┢            | $\vdash$   | ┝          | -        | ├  | 1 |          | 61       | -               |          | -        |          |      |          |   |          | -            |   |             | 111        | ŀ |
| <u> </u>    | 25                | 1        | $\vdash$   | ┢  | $\vdash$     | ┢            | $\vdash$   | ┝          | -        | ╁  | ł |          | 62       |                 | -+       | -+       | $\dashv$ |      | -        |   |          | <del> </del> |   | <b> </b>    | 112        | ŀ |
| _           | (1)<br>(1)<br>(1) | 1        | $\vdash$   |  |              | ┢            | ┢  |            |          | 1  | 1 |          | 63       | $\vdash$        | +        | -        |          |      |          |   |          | ┢            |   |             | 113        | ŀ |
|             | 14                | V        | -  | <del>                                     </del> | <u> </u>     | ┢            | ╁╾   | H          | 1        | <del>                                     </del> | 1 |          | 64       |                 | 1        | T        | $\dashv$ |      |          |   |          | ┢─           |   |             | 114        | t |
|             | 15                | V        | $\vdash$   | <del>                                     </del> | $\vdash$     | <del> </del> | 一  | ┢          | $\vdash$ | ╁  | 1 |          | 65       |                 | T        | _        | 一        |      |          |   |          | <u> </u>     |   |             | 115        | t |
|             | 16                | V        |  |  |              | _            | ┪  | 1          |          | <b>†</b>   | 1 |          | 66       |                 | _        |          | _        |      |          |   |          | _            |   |             | 116        | ł |
|             | 17                | 1        |  |  | l            |              |  |            |          |  | 1 |          | 67       |                 | T        |          | 寸        |      |          |   |          |              |   |             | 117        | ľ |
|             | 18                | 1        |  |  |              |              |  |            |          |  | 1 |          | 68       |                 |          | İ        |          |      |          |   |          |              |   |             | 118        | Ī |
|             | 19                | 1        |  |  |              |              |  |            |          |  | ] |          | 69       |                 |          |          |          |      |          |   |          |              |   |             | 119        | I |
|             | 20                | 1        |  |  |              |              |  |            |          |  | ] |          | 70       |                 | $\Box$   |          |          |      |          |   |          |              | } |             | 120        | ſ |
|             | 21                | <b>V</b> |  |  |              |              |  |            |          |  | ] |          | 71       |                 |          |          |          |      |          |   |          |              |   |             | 121        |   |
|             | (22               | V        | <u> </u>   | L  |              | L            |  | <u> </u>   |          | <u>L</u>   |   |          | 72       | $\sqcup$        | $\perp$  | _        | _        |      |          |   |          | _            |   | L           | 122        | L |
|             | 237               | 1        |  | <u> </u>   |              | ┖            | _  | _          | _        |  | 1 | <u> </u> | 73       | $\sqcup$        | 4        | 4        | _        |      | Ш        |   |          |              | 1 |             | 123        | ļ |
|             | 24                | ٧        | <u> </u>   | <u> </u>   |              | _            | _  | _          |          | <u> </u>   |   |          | 74       | $\sqcup$        | 4        | _        |          |      |          |   |          |              |   | Ŀ           | 124        | ļ |
|             | 25                | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>     | -            | _  |            | <u> </u> | ├  | ł |          | 75       | -               | 4        |          |          |      |          |   | ļ        | <u> </u>     |   |             | 125        | ŀ |
|             | 26                | -        | <u> </u>   | ├-   | <u> </u>     | -            |  | _          | -        | ├  | ł | <b> </b> | 76       | $\vdash$        | $\dashv$ |          | -+       |      |          |   |          | <u> </u>     |   | <u> </u>    | 126        | - |
|             | 27<br>28          | ⊢        | ⊢  | ⊢  | ├            | ⊢            | -  | -          | ├        | ⊢  | ┨ |          | 77       | ┝╌┼             | -+       |          | -        |      | Н        | _ | _        | -            |   | <del></del> | 127        | ŀ |
|             | 29                | -        | ┝  | ┢  | -            | ┢            |  | -          | -        | ⊢  | ┨ | <u> </u> | 78<br>79 | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |      | Н        | _ | _        | ⊢            |   | -           | 128<br>129 | ŀ |
|             | 30                | ├─       | ├  | ⊢  | ┢            | ┝            | ┢  | $\vdash$   |          | $\vdash$   | ┨ |          | 80       |                 | $\dashv$ | $\dashv$ | $\dashv$ |      | Н        |   | _        | $\vdash$     |   |             | 130        | ŀ |
|             | 31                | -        | <del>                                     </del> | ┢  | ┢            | ┢╌           | ┢  |            |          | ┢  | ┨ | -        | 81       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |      | $\vdash$ |   | -        | $\vdash$     | l | -           | 131        | ŀ |
|             | 32                | $\vdash$ | <del>                                     </del> | <del>                                     </del> | ╁╾           | ╁╾           | ┰  | -          | H        | ╁  | 1 |          | 82       |                 | -        |          | +        |      | Н        |   | ├        | $\vdash$     |   |             | 132        | ł |
|             | 33                | $\vdash$ | -  | 1  | $\vdash$     | $I^-$        | <del>                                     </del> | _          | $\vdash$ | ╁  | 1 |          | 83       | $\vdash$        | 1        | _        | _        |      | Н        |   | $\vdash$ | _            | l |             | 133        | t |
|             | 34                | $\vdash$ | Ι  | Г  | 1            | † –          | <del>                                     </del> |            |          | t  | 1 |          | 84       |                 | 寸        | _        | 一        | _    |          |   |          | $\vdash$     | l |             | 134        | t |
|             | 35                |          |  |  | Г            | †            |  |            |          | T  | 1 |          | 85       | $\Box$          | 1        | T        |          |      |          |   |          |              |   |             | 135        | Ì |
|             | 36                |          |  | Г  | $\vdash$     | T            | $\vdash$   |            |          | 1  | 1 |          | 86       |                 | 7        |          |          |      |          |   |          |              |   |             | 136        | Ì |
|             | 37                |          |  |  |              |              |  |            |          |  | 1 |          | 87       |                 | $\dashv$ | _        | $\neg$   |      |          |   |          |              |   |             | 137        | ľ |
|             | 38                |          |  |  |              |              |  |            |          |  | ] |          | 88       |                 |          |          |          |      |          |   |          |              |   |             | 138        | ſ |
|             | 39                |          |  |  |              |              |  |            |          |  | ] |          | 89       |                 |          |          |          |      |          |   |          |              | } |             | 139        |   |
|             | 40                |          |  |  |              |              |  |            |          |  | ] |          | 90       |                 |          |          |          |      |          |   |          | _            | ŀ |             | 140        | l |
|             | 41                |          |  |  |              |              |  |            |          |  | ] |          | 91       |                 |          |          |          |      |          |   |          |              |   |             | 141        |   |
| <u> </u>    | 42                |          | <u> </u>   | <u> </u>   |              | <u> </u>     |  | <u> </u>   | L.       | <u> </u>   | 1 |          | 92       |                 | _        | $\perp$  | _        |      |          |   |          | _            |   |             | 142        | ļ |
| <u></u>     | 43                | _        | ļ  | <u> </u>   | <u> </u>     | $\vdash$     | <u> </u>   | L          | _        | $\vdash$   | 1 |          | 93       | Ш               | _        | _        | _        |      | ш        |   | L        | _            |   | <u> </u>    | 143        | 1 |
| <u> </u>    | 44                | <u> </u> | _  | ⊢  | ₩            | ⊢            | <u> </u>   | <u> </u>   | <u> </u> | ▙  | 1 |          | 94       | $\sqcup$        | 4        | _        | 4        |      | Ш        |   | <u> </u> | <u> </u>     |   | <u> </u>    | 144        | 1 |
| <u> </u>    | 45                | <u> </u> | _  | <u> </u>   | <del> </del> | ļ            | <b> -</b>  | <b> </b> - | -        | ļ  | 1 |          | 95       | -               | 4        | _        |          |      |          |   | <u> </u> |              |   | <u> </u>    | 145        | 1 |
| <u> </u>    | 46                | -        | <u> </u>   | $\vdash$   | <u> </u>     | ⊢            | <u> </u>   | <u> </u>   | $\vdash$ | $\vdash$   | 1 |          | 96       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | _        |      | Щ        |   | $\vdash$ | -            |   | <u> </u>    | 146        | 1 |
| <u> </u>    | 47<br>48          | -        | ⊢  |  | $\vdash$     | ⊢            | -  | -          | $\vdash$ | ├  | 1 |          | 97       | $\vdash$        | $\dashv$ |          |          |      |          |   | <u> </u> | $\vdash$     | l | <u> </u>    | 147        | 1 |
| <del></del> | 48                | <u> </u> | _  | ├  | -            | ├            | $\vdash$   | ⊢          | -        | +  | 1 |          | 98<br>99 | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |      |          |   | ⊢        | -            |   | <b> </b>    | 148<br>149 | ŀ |
|             | 50                | -        | <u> </u>   | ⊢  | -            | ╁            | $\vdash$   | 1          | ⊢        | ╁  | ┨ |          | 100      | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |      |          |   | $\vdash$ | $\vdash$     |   |             | 150        | ŀ |
| L           | 1 30              |          | L  | 1  | <u> </u>     | L.,_         | L_   | 1          | <u> </u> | <u>L</u>   | J | Щ_       | 100      | LL              |          |          |          |      | -        | L | L        | l            | j | L           | 130        | ĺ |

| Cla   | aim                             | Date   |          |          |          |  |  |          |          |                |  |
|-------|---------------------------------|--|----------|----------|----------|--|--|----------|----------|----------------|--|
|       |                                 |  |          |          |          |  |  |          |          | $\sqcap$       |  |
| Final | Original                        |  |          |          |          |  |  |          |          |                |  |
|       | 101                             | _  |          |          |          | _  | _  |          |          | H              |  |
|       | 101<br>102<br>103               |  | _        |          |          |  |  |          |          |                |  |
|       | 103                             |  |          |          |          |  |  |          |          |                |  |
|       | 104<br>105                      |  |          |          |          |  |  | Ш        |          |                |  |
|       | 105                             |  |          |          |          |  |  |          |          | Ш              |  |
|       | 106                             |  |          | _        |          | -  |  |          |          | $\dashv$       |  |
|       | 107                             |  |          |          |          | H  |  |          |          | $\vdash\dashv$ |  |
|       | 107<br>108<br>109<br>110        | -  | _        | _        |          |  |  | -        | -        | -              |  |
|       | 110                             | _  |          | -        |          | $\vdash$   |  | _        |          | $\vdash$       |  |
|       | 111                             | -  |          |          |          |  |  |          |          |                |  |
|       | 112                             | <u>                                     </u> |          |          |          |  |  |          |          |                |  |
|       | 112<br>113                      |  |          |          |          |  |  |          |          |                |  |
|       | 114                             | <u> </u>                                     |          | L        | Ľ        | <u> </u>   | <u> </u>   | <u> </u> | <u>_</u> |                |  |
|       | 115<br>116                      | $\vdash$                                     |          | $\vdash$ |          | <u> </u>   | -  | _        |          |                |  |
|       | 110                             | H  | -        |          |          |  | H  | <u> </u> | $\vdash$ |                |  |
|       | 117<br>118                      | H  | H        | _        | <u> </u> | -  | -  | <u> </u> | H        | $\vdash$       |  |
|       | 119                             |  |          |          |          |  | $\vdash$   | ┝┈       | $\vdash$ | $\vdash$       |  |
|       | 120                             |  |          |          |          | <u> </u>   | Т  | $\vdash$ |          | Н              |  |
|       | 120<br>121                      |  |          |          |          |  |  |          |          |                |  |
|       | 122                             |  |          |          |          |  |  |          |          |                |  |
|       | 123                             |  |          |          |          |  |  |          |          |                |  |
| ·     | 122<br>123<br>124<br>125<br>126 | <u> </u>                                     |          |          |          |  | _  | _        |          | Ш              |  |
|       | 125                             | <u> </u>                                     |          |          |          | <u> </u>   |  | <u> </u> | <u> </u> | Н              |  |
|       | 127                             | <del> </del> -                               |          | -        |          |  | ├  |          |          | Н              |  |
|       | 128                             |  |          |          |          | -  | -  | ┝        | -        | Н              |  |
|       | 128<br>129                      | $\vdash$                                     |          |          |          |  | $\vdash$   | $\vdash$ | H        | Н              |  |
|       | 130                             | $\vdash$                                     |          |          |          |  |  | $\vdash$ | 1        | Н              |  |
|       | 131                             |  |          |          |          |  |  |          |          |                |  |
|       | 132                             |  |          |          |          |  |  |          |          |                |  |
|       | 133<br>134                      |  |          |          |          |  | L  |          | <u> </u> |                |  |
|       | 134                             | $ldsymbol{ldsymbol{ldsymbol{eta}}}$          |          |          |          |  | L  |          | _        | Щ              |  |
|       | 135                             | $\vdash$                                     | _        | -        | <u> </u> | L  | L  | _        | L        | $\sqcup$       |  |
|       | 136<br>137                      | <del> </del>                                 |          |          | _        | <u> </u>   | $\vdash$   | <u> </u> |          | $\vdash\vdash$ |  |
|       | 138                             | $\vdash$                                     |          | H        | <u> </u> |  | H  | -        | $\vdash$ | Н              |  |
|       | 139                             |  |          |          |          |  | H  | H        | $\vdash$ | H              |  |
|       | 140                             |  |          |          |          |  |  | H        | $\vdash$ | H              |  |
|       | 141                             |  |          |          |          |  | Г  |          |          |                |  |
|       | 142                             |  |          |          |          |  |  |          |          |                |  |
|       | 143                             |  |          |          |          |  |  |          | $\Box$   | Ш              |  |
|       | 144                             | L  |          |          | _        | <u> </u>   | L_   | _        | _        | Ш              |  |
|       | 145                             | $\vdash$                                     | <u> </u> |          | _        | H  | L  | <u> </u> | L        | Ш              |  |
|       | 146<br>147                      | $\vdash$                                     | _        | H        | _        | -  | H  | $\vdash$ | -        | $\vdash\vdash$ |  |
|       | 148                             | -  |          | $\vdash$ |          | <del>                                     </del> | -  | $\vdash$ | -        | $\vdash\vdash$ |  |
|       | 149                             | $\vdash$                                     | -        |          | <u> </u> |  | $\vdash$   |          | $\vdash$ | H              |  |
|       | 150                             | Н  | _        | _        | _        | Г  | <del>                                     </del> | H        | $\vdash$ | H              |  |
|       |                                 | <u> </u>                                     | ш        |          |          |  |  | _        |          |                |  |